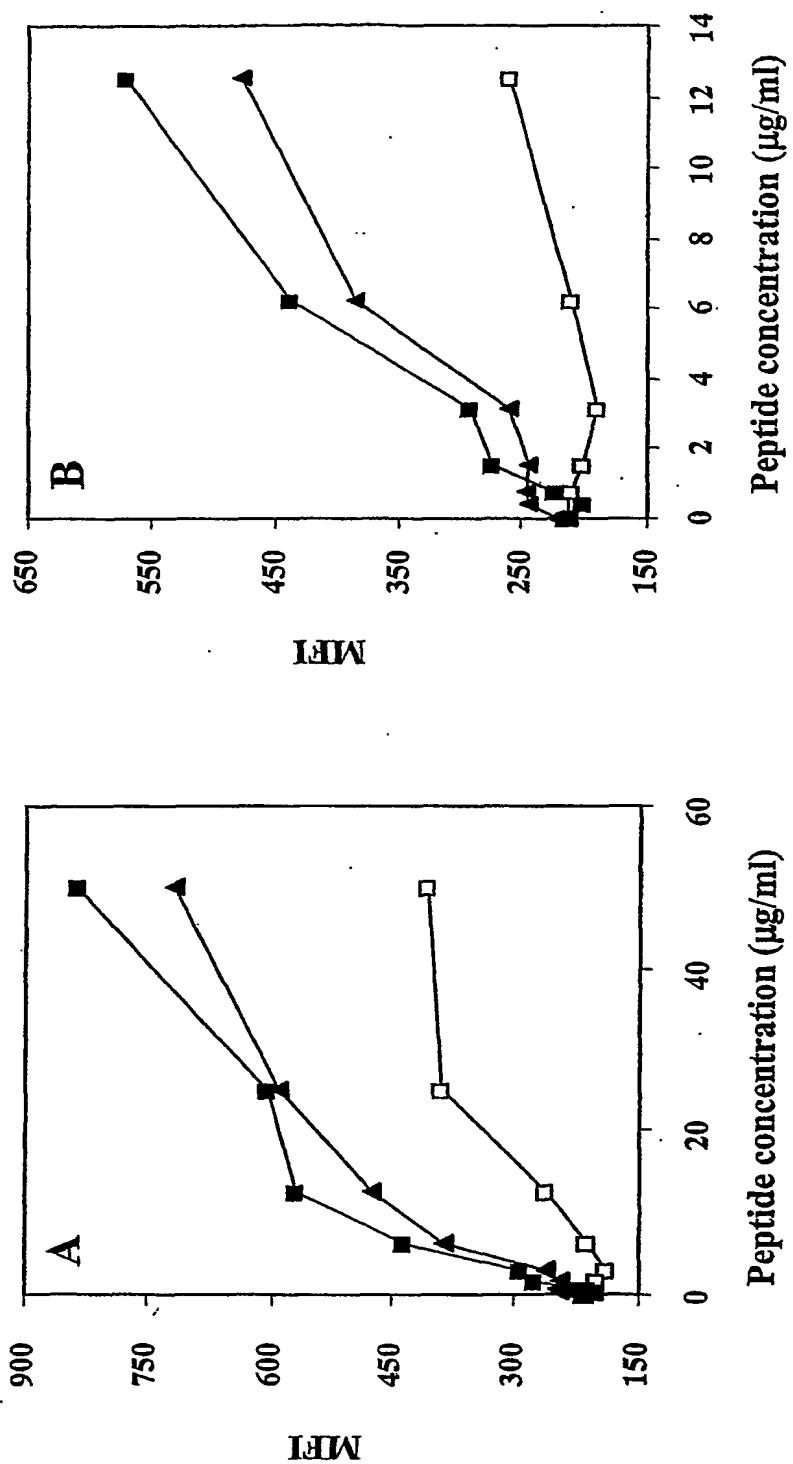
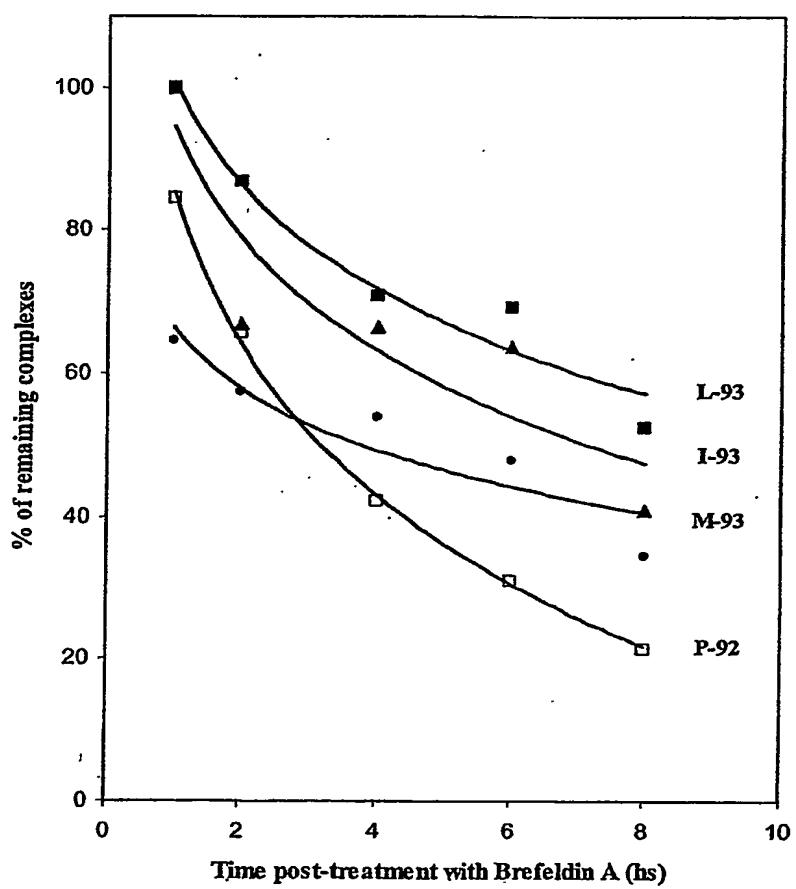


1/10

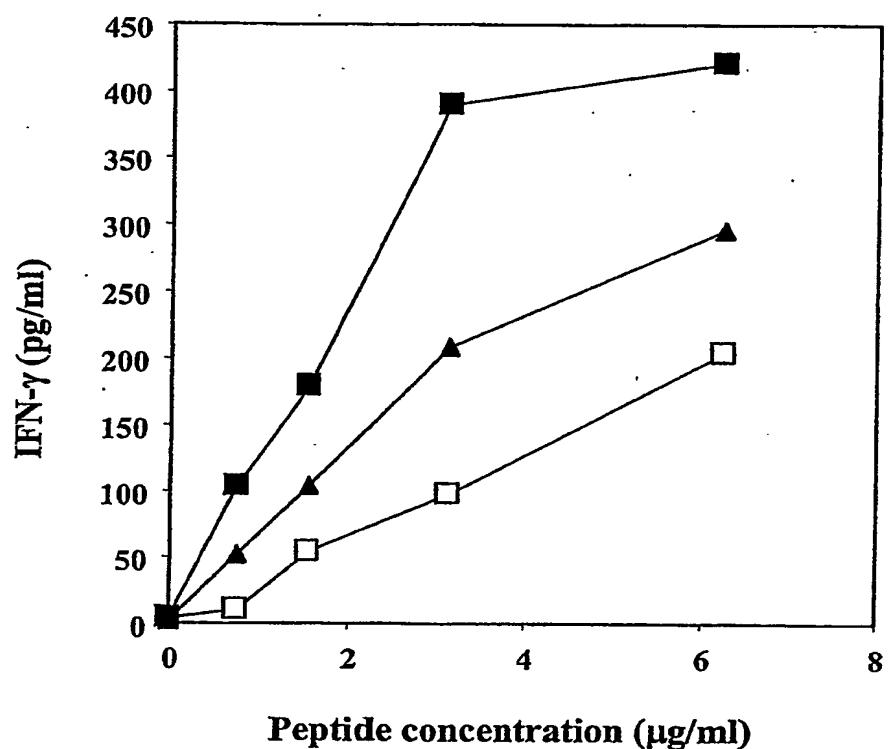
Figure 1A
Figure 1B



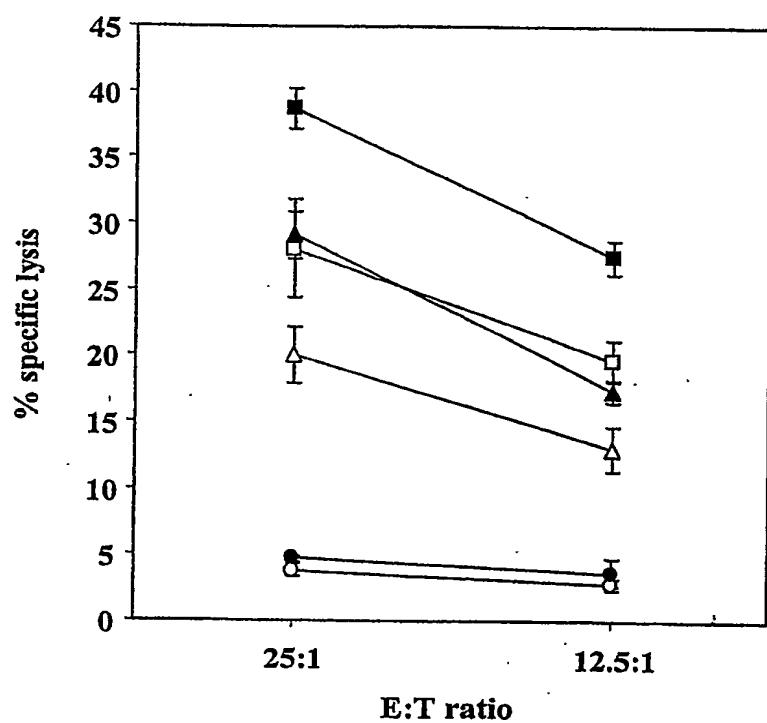
2/10

Figure 2

3/10

Figure 3

4/10

Figure 4

| <i>Virus</i> | <i>Designation</i> | <i>Promoters/Transgenes</i> |
|---|-------------------------------------|---|
| rV-CEA(6D)/B7-1/ICAM-1/LFA-3 | rV-CEA(6D)/TRICOM | p40 CEA(6D) p30 LFA-3 B3 ICAM-1 sEL B7-1 |
| rF-CEA(6D)/B7-1/ICAM-1/LFA-3 | rF-CEA(6D)/TRICOM | p40 CEA(6D) p30 LFA-3 B3 ICAM-1 sEL B7-1 |
| rF-MUC-1/B7-1/ICAM-1/LFA-3 | rF-MUC-1/TRICOM | p40 MUC-1 p30 LFA-3 B3 ICAM-1 sEL B7-1 |
| rV-CEA/MUC/TRICOM | rV-CEA/MUC-1(93L)/B7-1/ICAM-1/LFA-3 | p40 CEA(6D) sEL MUC-1(93L) p30 LFA-3 B3 ICAM-1 sEL B7-1 |
| rF-CEA(6D)/MUC-1(93L)/B7-1/ICAM-1/LFA-3 | rF-CEA/MUC/TRICOM | p40 CEA(6D) sEL MUC-1(93L) p30 LFA-3 B3 ICAM-1 sEL B7-1 |

Figure 5

6/10

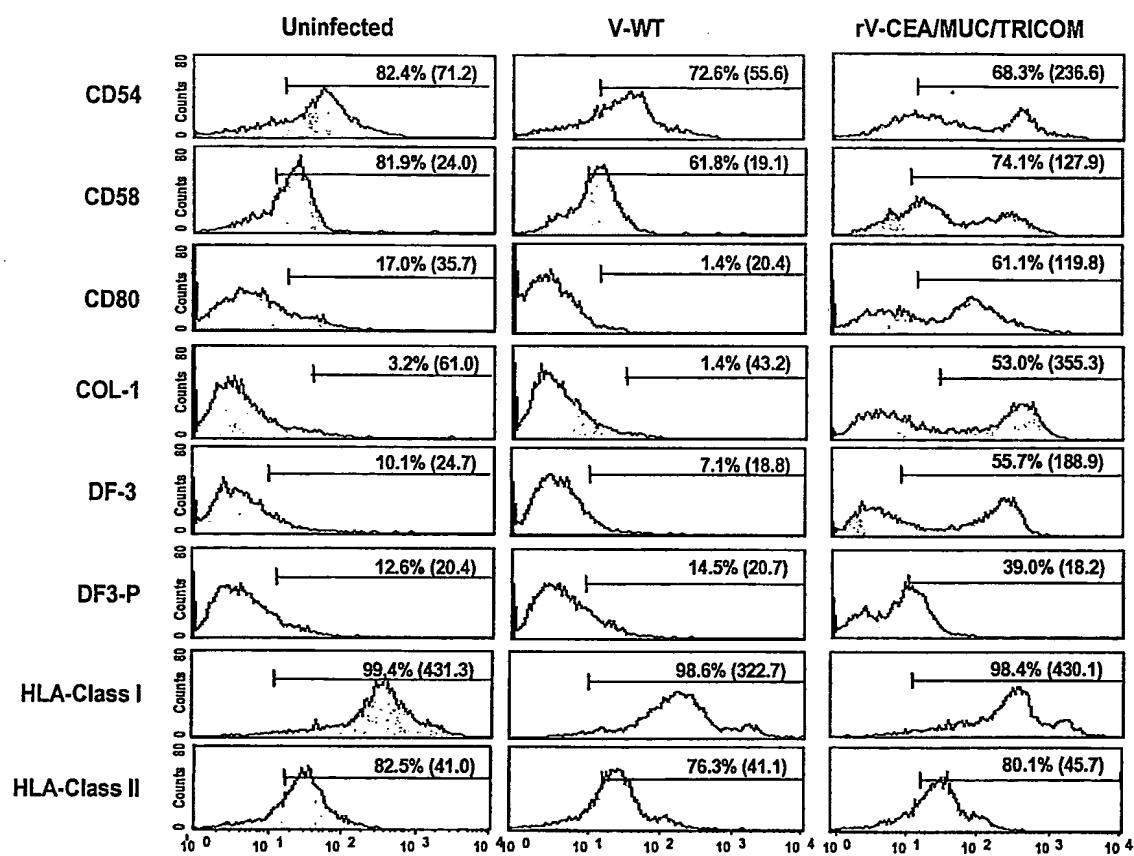


Figure 6

7/10

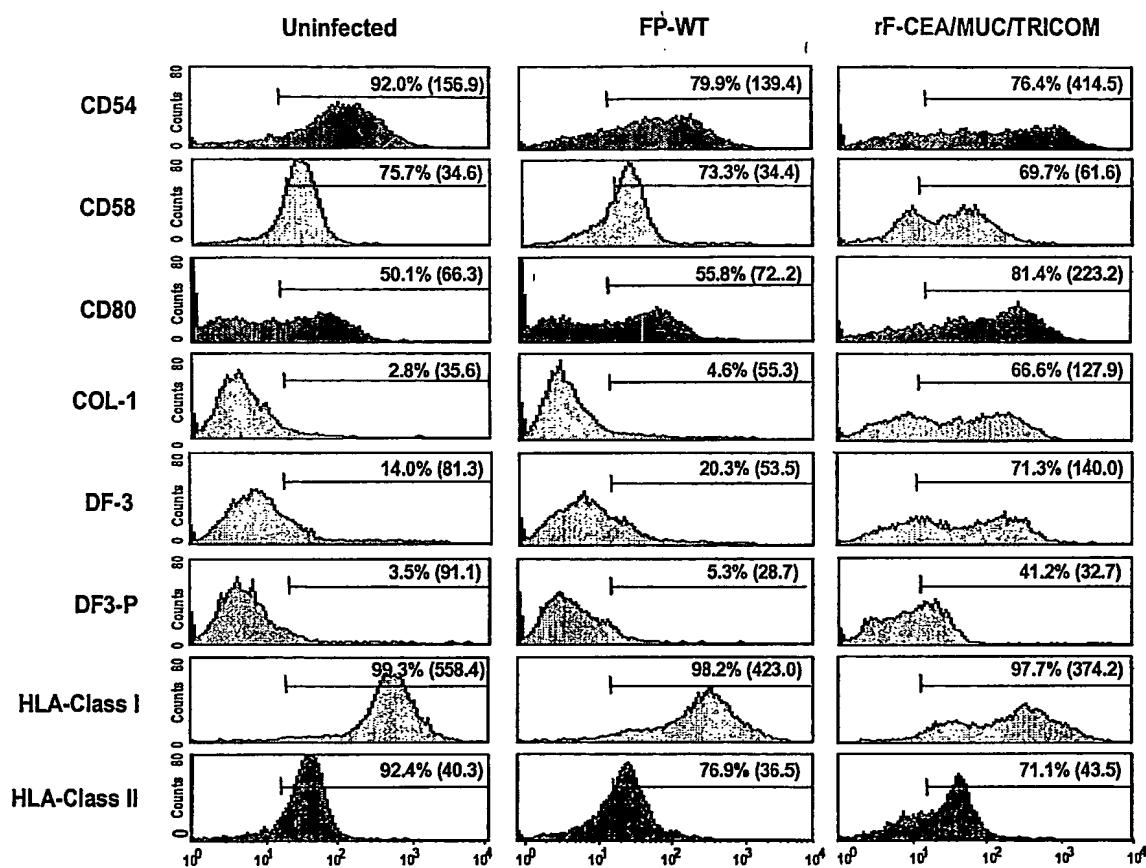
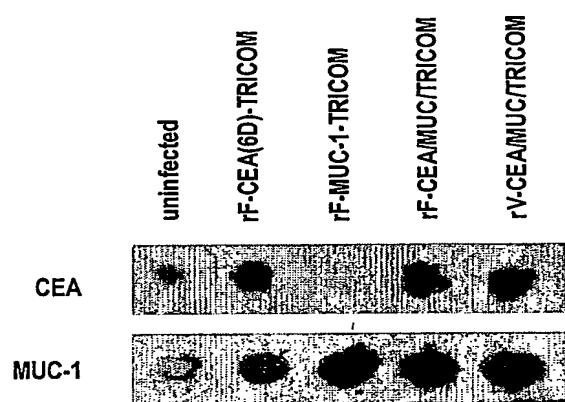


Figure 7

8/10

**Figure 8**

9/10

| | | | | | | |
|------|-------------|-------------|------------|------------|------------|-------------|
| 1 | ATGACACGG | GCACCCCGT | TCCTTTTC | CCTGCTGC | TCCTCAGT | GCCTACGG |
| 61 | GTTCAGGGT | CTGCTCATCC | AACTCTTAC | CCAGGTGAG | AAAGGAGAC | TTGGGCTTAC |
| 121 | CGAGGAAGT | CTGTCGCGG | CTCTRACTAG | AGAAGTCTG | TTGATGAC | AAAGCTCCGTA |
| 181 | CTTCCTGCCC | ACAGCCCCG | TTAGGCTCC | TCCACCACTC | AGGCCAGGA | TCTACATCTG |
| 241 | GGCCGGCC | CTGAGCCCG | CTGAGCCAGC | TTAGCTTAC | CTGTCCTT | GGGGACAGGA |
| 301 | GTACCAAGTTA | CTAGACCAGC | CTAGACCAGC | TTAGCTTAC | AGAGGACCTC | AGTRACATCA |
| 361 | GTCTCTGATA | CTCGTCCAGC | TCCCTGGAGT | ACTGACCCAC | CGGGCATGG | CTTACATCGA |
| 421 | GCACCTGATA | CTAGACCTC | ACCTGGATC | ACTGACCTC | CTGGCAGCG | AGTGACATCG |
| 481 | GGCCCGATA | CGCGCCCG | TCCTCTGTC | ACCGACCC | CCGGCGACG | TGTTACAGT |
| 541 | GCACCCGATA | CGCGCCCG | ACCCGGATG | ACCGCTAC | CTGGACAGG | GGTCACAGC |
| 601 | GGCCCGAGCA | CTCGACCTC | GGCGGGCTG | ACTGCGTC | CGGGCATGG | TCTGACCTCA |
| 661 | GTCTCTGACA | CTACGACCTC | CCCGCTAGC | ACTCTGGC | ACAGGCCAC | CTCTGCCAGG |
| 721 | GTCTACCA | CCCGCTAGC | CTACGACCTC | CTACGACCTC | TCCTGGGAA | CGCTCTGAT |
| 781 | ACTCTTACCA | CCCTTGCGA | CCATGGACCC | AAAGCTTGG | TCCTCATAGT | TCCTCATAGC |
| 841 | ACGTTACCTC | CTCTCACCC | CTCCTACATC | ACGCTTC | CCCTGGTTC | TCCTGGGGTC |
| 901 | TCTTCTTCTT | TCTCTCTT | TCCTCTTCTT | ACCTCTTC | ACCTCTTC | TCTGGAGAT |
| 961 | CCAGGACCG | ACTRACTCA | AGAGCTTCA | AGAGCTTCA | CTGGAAAGT | TTCGGAGT |
| 1021 | TTTAAACAG | GGGGTTCT | GGGGTTCT | AAATAATAGT | TCAGGGCAGG | ATTTGTGGT |
| 1081 | GTACATTTGA | CTCTGGCTT | CCGGAGGGT | ACCTCTAC | TCCTACATC | GGAGCAACAG |
| 1141 | TTCATCTGT | ATTAACAGA | ACGAGCTCT | CTGATTAAC | TCACATTC | AGAGCTCAGC |
| 1201 | GTAGTGTAG | TGCTTCTTC | TCTCTCTG | CTGGGGGG | CTGGGGGG | AGCTGGGGCC |
| 1261 | ATCGCGTC | TGGCTCTT | CTCTCTTC | CTGGGGGG | CTCTCTCT | TCTGGCCCGG |
| 1321 | TGGCTCTT | GTCACTGCG | CCGAAGAAC | TGGGGGAC | TGGGGGAC | CTATGTGCC |
| 1381 | GTACATTTCA | ATCCCTTGG | CGAGTACCC | ACCTACAA | CCCTGGGG | TGGGGGAGC |
| 1441 | CTTACAGTA | CCCTATGAG | AGGTTCCTG | CGGGATGAG | CGGGATGAG | ACTCTGGCC |
| 1501 | CTCTCTTA | CAAAACCCAGC | AGGGAGGCC | ACTCTGGCC | ACTCTGGCC | ACTCTGGCC |

SEQUENCE OF WMUC-1(6)

Figure 9

10/10

Figure 10

MTPGTQSPFFLILLILITVITYVTGSGHASSTPGGEKETSATQRSSVPSSTEKNAV
SMTSSVILSSHSPGSGSSTTQGQDVTLAPATEPASGSAAALNGDVTSPVPTRPAI
GSTAPPAAHGVTSAPDTRPAPGSTAPPAAHGVTSAPDTRPAPGSTAPPAAH
DTRPAPGSTAPPAAHGVTSAPDTRPAPGSTAPPAAHGVTSAPDTRPAPGSTAPPAAH
GVTSAPDTRPAPASTLVHNGTSARATTPASKSTPFSIPTSHSDIPTIASHST
KTDASSTTHSTVPPLTSSNHSTSPOQLSTGVSEFTLSFHISNLQFNSSIEDPSTD
YYQELORDISEMFLQIYKQGGFLGLSNIKFRPGS5VQVLTIAFREGTINVHDVE
TOFNOYKTEAASRYNLTISDVSVSDVRFPPSAQSGAGVPGNGIALLVNCVLA
LAIIVYLLALAVCQCRRKNYGQDIFPARDTYHPMSEYPTYHGRYVPPSSTDR
SPYERKVSAGNNGGSSLSTYNPAVAATSANL

AMINO ACID SEQUENCE OF wMUC-1(6),